The State of New Hampshire
Department of Environmental Services

Michael P. Nolin
Commissioner

AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS

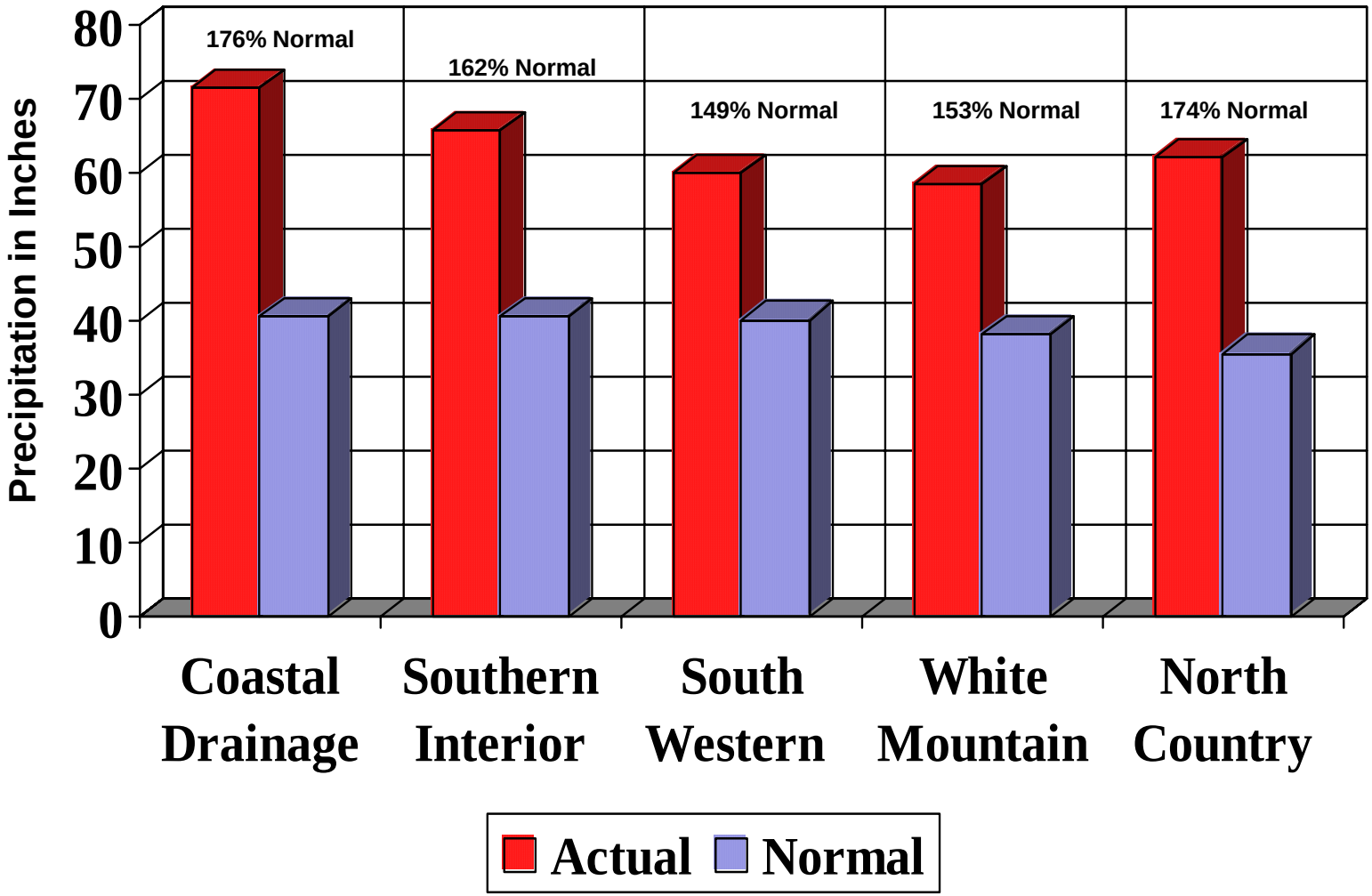
	Actual Rainfall (inches)	Normal Rainfall (inches)	Deviation from Normal (inches)	Percent of Normal
Coastal Drainage: Rockingham, Strafford counties				
four month	31.23	12.88	18.35	242%
six month	35.61	19.60	16.01	182%
nine month	48.57	29.44	19.13	165%
twelve month	71.52	40.56	30.96	176%
Southern Interior: Belknap, Hillsborough, Merrimack counties				
four month	28.37	12.91	15.47	220%
six month	32.35	19.69	12.66	164%
nine month	43.85	29.59	14.27	148%
twelve month	65.68	40.55	25.14	162%
South Western: Cheshire, Sullivan counties				
four month	22.56	12.80	9.76	176%
six month	26.36	19.64	6.72	134%
nine month	36.39	29.38	7.01	124%
twelve month	59.95	40.12	19.83	149%
White Mountain: Carroll, Grafton counties				
four month	24.99	11.84	13.15	211%
six month	29.23	18.18	11.05	161%
nine month	39.29	27.40	11.89	143%
twelve month	58.51	38.20	20.31	153%
North Country: Coos county				
four month	26.33	10.88	15.45	242%
six month	31.10	16.68	14.42	186%
nine month	40.50	25.32	15.18	160%
twelve month	62.14	35.68	26.46	174%

four month period : May 2006 - August 2006
six month period : March 2006 - August 2006
nine month period : December 2005 - August 2006
twelve month period: September 2005 - August 2006

Source: Northeast River Forecast Center, NH Des Dam Bureau

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095
Telephone: (603) 271-3503 • Fax: (603) 271-7894 • TDD Access: Relay NH 1-800-735-2964
DES Web site: **www.des.nh.gov**

TWELVE MONTH AGGREGATED PRECIPITATION DATA for N.H. DROUGHT MANAGEMENT AREAS from September 2005 through August 2006



NH DES Dam Bureau, Northeast River Forecast Center

MONTHLY PRECIPITATION DATA FOR N.H COUNTIES

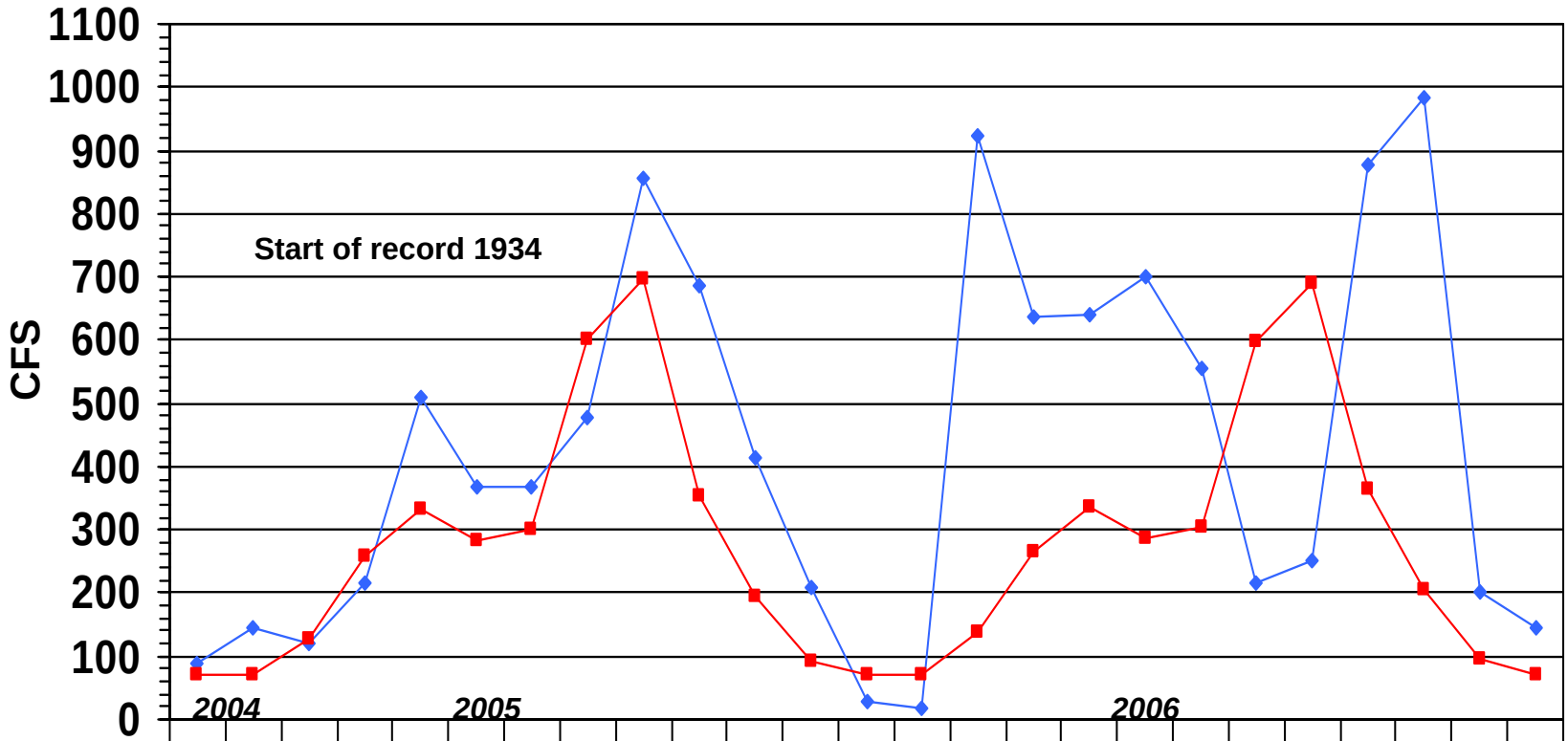
		SEPT	OCT	NOV	DEC	JAN	2006 FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG
Coastal drainage													
STRAFFORD	actual	2.92	15.92	4.94	5.80	5.67	2.93	1.25	3.34	12.79	8.67	5.86	3.03
	normal	3.44	3.48	4.12	3.76	3.12	2.72	3.20	3.40	3.12	3.12	3.12	3.12
	deviation	-0.52	12.44	0.82	2.04	2.55	0.21	-1.95	-0.06	9.67	5.55	2.74	-0.09
ROCKINGHAM	actual	2.67	14.77	4.68	4.74	4.22	2.56	0.91	3.27	14.20	9.25	5.13	3.52
	normal	3.40	3.56	4.24	3.92	3.32	2.84	3.40	3.44	3.32	3.32	3.32	3.32
	deviation	-0.73	11.21	0.44	0.82	0.90	-0.28	-2.49	-0.17	10.88	5.93	1.81	0.20
Average	actual	2.80	15.35	4.81	5.27	4.95	2.75	1.08	3.31	13.50	8.96	5.50	3.28
	normal	3.42	3.52	4.18	3.84	3.22	2.78	3.30	3.42	3.22	3.22	3.22	3.22
	deviation	-0.63	11.83	0.63	1.43	1.73	-0.04	-2.22	-0.12	10.28	5.74	2.28	0.06
Southern Interior													
HILLSBOROUGH	actual	2.09	14.39	4.59	4.55	4.46	2.58	0.99	2.66	10.93	9.82	3.98	4.59
	normal	3.60	3.72	4.32	4.16	3.60	3.16	3.88	3.56	3.60	3.60	3.60	3.60
	deviation	-1.51	10.67	0.27	0.39	0.86	-0.58	-2.89	-0.90	7.33	6.22	0.38	0.99
MERRIMACK	actual	3.18	15.05	4.99	4.56	4.29	2.55	1.48	2.95	11.72	9.62	5.19	3.70
	normal	3.36	3.44	4.00	3.92	3.16	2.84	3.40	3.36	3.16	3.16	3.16	3.16
	deviation	-0.18	11.61	0.99	0.64	1.13	-0.29	-1.92	-0.41	8.56	6.46	2.03	0.54
BELKNAP	actual	3.47	13.71	4.02	5.14	4.26	2.12	1.19	2.66	8.95	8.02	5.79	2.81
	normal	3.36	3.28	3.80	3.48	2.92	2.44	2.92	3.24	2.92	2.92	2.92	2.92
	deviation	0.11	10.43	0.22	1.66	1.34	-0.32	-1.73	-0.58	6.03	5.10	2.87	-0.11
Average	actual	2.91	14.38	4.53	4.75	4.34	2.42	1.22	2.76	10.53	9.15	4.99	3.70
	normal	3.44	3.48	4.04	3.85	3.23	2.81	3.40	3.39	3.23	3.23	3.23	3.23
	deviation	-0.53	10.90	0.49	0.90	1.11	-0.40	-2.18	-0.63	7.31	5.93	1.76	0.47
South Western													
CHESHIRE	actual	2.86	15.86	4.87	4.81	4.10	1.55	1.13	2.28	5.32	7.22	3.04	3.94
	normal	3.52	3.36	3.84	3.76	3.28	2.80	3.48	3.40	3.28	3.28	3.28	3.28
	deviation	-0.66	12.50	1.03	1.05	0.82	-1.25	-2.35	-1.12	2.04	3.94	-0.24	0.66
SULLIVAN	actual	2.92	15.20	5.42	3.76	3.82	2.01	1.35	2.85	7.26	9.05	5.19	4.09
	normal	3.44	3.48	3.84	3.72	3.12	2.80	3.36	3.44	3.12	3.12	3.12	3.12
	deviation	-0.52	11.72	1.58	0.04	0.70	-0.79	-2.01	-0.59	4.14	5.93	2.07	0.97
Average	actual	2.89	15.53	5.15	4.29	3.96	1.78	1.24	2.57	6.29	8.14	4.12	4.02
	normal	3.48	3.42	3.84	3.74	3.20	2.80	3.42	3.42	3.20	3.20	3.20	3.20
	deviation	-0.59	12.11	1.31	0.55	0.76	-1.02	-2.18	-0.86	3.09	4.94	0.92	0.82
White Mountain													
GRAFTON	actual	3.85	10.74	4.99	3.61	3.44	1.70	1.53	2.81	6.87	7.90	5.76	3.97
	normal	3.48	3.48	3.76	3.64	2.92	2.60	3.04	3.24	2.92	2.92	2.92	2.92
	deviation	0.37	7.26	1.23	-0.03	0.52	-0.90	-1.51	-0.43	3.95	4.98	2.84	1.05
CARROLL	actual	3.20	10.92	4.74	5.11	4.06	2.19	1.30	2.84	8.22	7.95	6.33	2.98
	normal	3.44	3.52	3.92	3.68	3.00	2.60	3.08	3.32	3.00	3.00	3.00	3.00
	deviation	-0.24	7.40	0.82	1.43	1.06	-0.41	-1.78	-0.48	5.22	4.95	3.33	-0.02
Average	actual	3.53	10.83	4.87	4.36	3.75	1.95	1.42	2.83	7.55	7.93	6.05	3.48
	normal	3.46	3.50	3.84	3.66	2.96	2.60	3.06	3.28	2.96	2.96	2.96	2.96
	deviation	0.07	7.33	1.03	0.70	0.79	-0.66	-1.65	-0.46	4.59	4.97	3.09	0.52
North Country													
COOS	actual	4.78	10.90	5.96	4.00	3.54	1.86	1.75	3.02	6.10	7.96	4.80	7.47
	normal	3.40	3.48	3.48	3.44	2.72	2.48	2.76	3.04	2.72	2.72	2.72	2.72
	deviation	1.38	7.42	2.48	0.56	0.82	-0.62	-1.01	-0.02	3.38	5.24	2.08	4.75

Source: Northeast River Forecast Center, NH DES Dam Bureau

LAMPREY RIVER near NEWMARKET NH
Gage# 01073500

NEW HAMPSHIRE DEPARTMENT OF Environmental Services

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

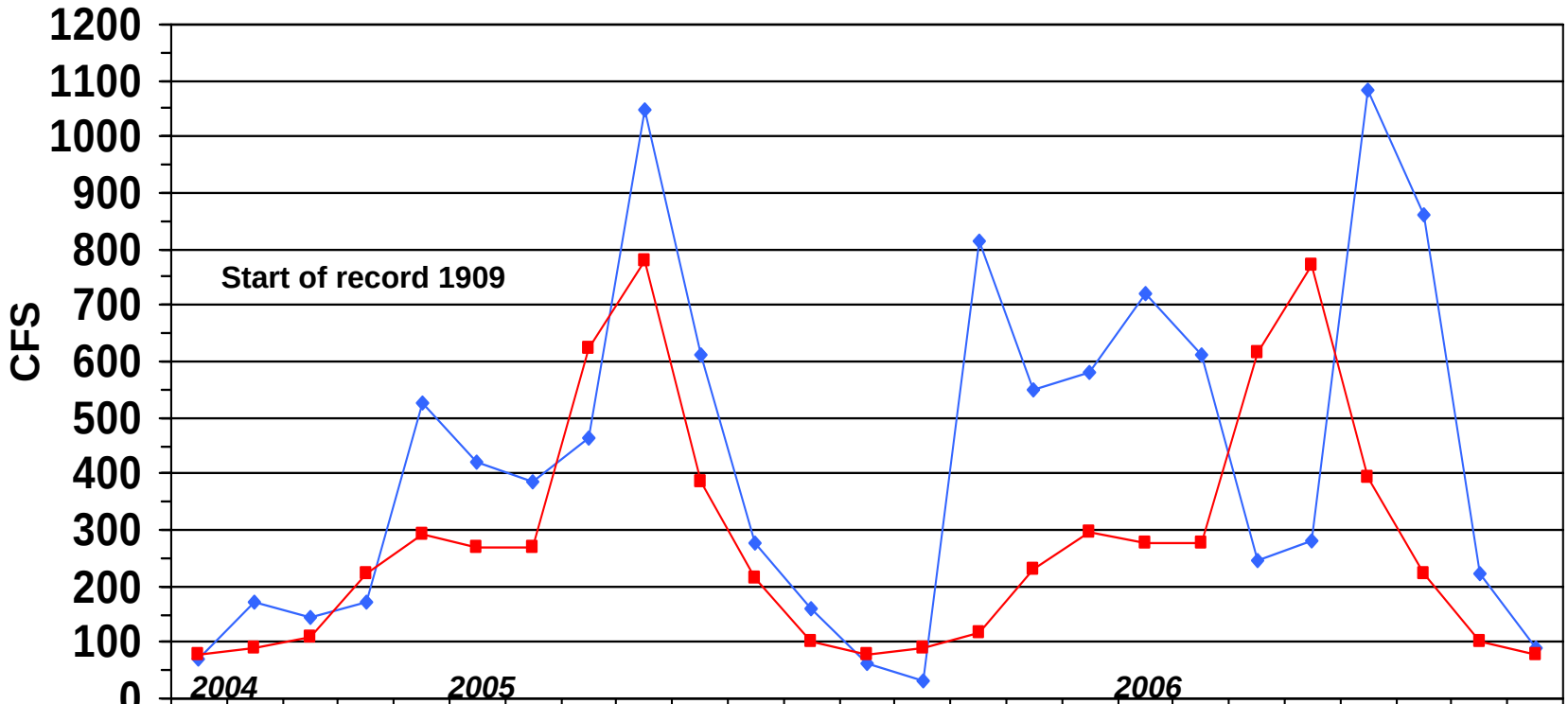


	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug
Monthly Mean Flow	89	145	119	217	508	369	368	477	857	685	415	209	29	18	923	638	639	700	555	217	252	876	982	201	146
Mean of Monthly Flows	71	71	128	259	333	282	301	603	696	355	195	93	70	70	139	264	337	288	304	598	690	363	206	95	71
% of Normal	125%	204%	93%	84%	153%	131%	123%	79%	123%	193%	213%	255%	41%	26%	664%	242%	190%	243%	183%	36%	37%	241%	477%	212%	206%

NH DES, Dam Bureau, Source: USGS

SOUHEGAN RIVER at MERRIMACK NH
Gage# 01094000

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

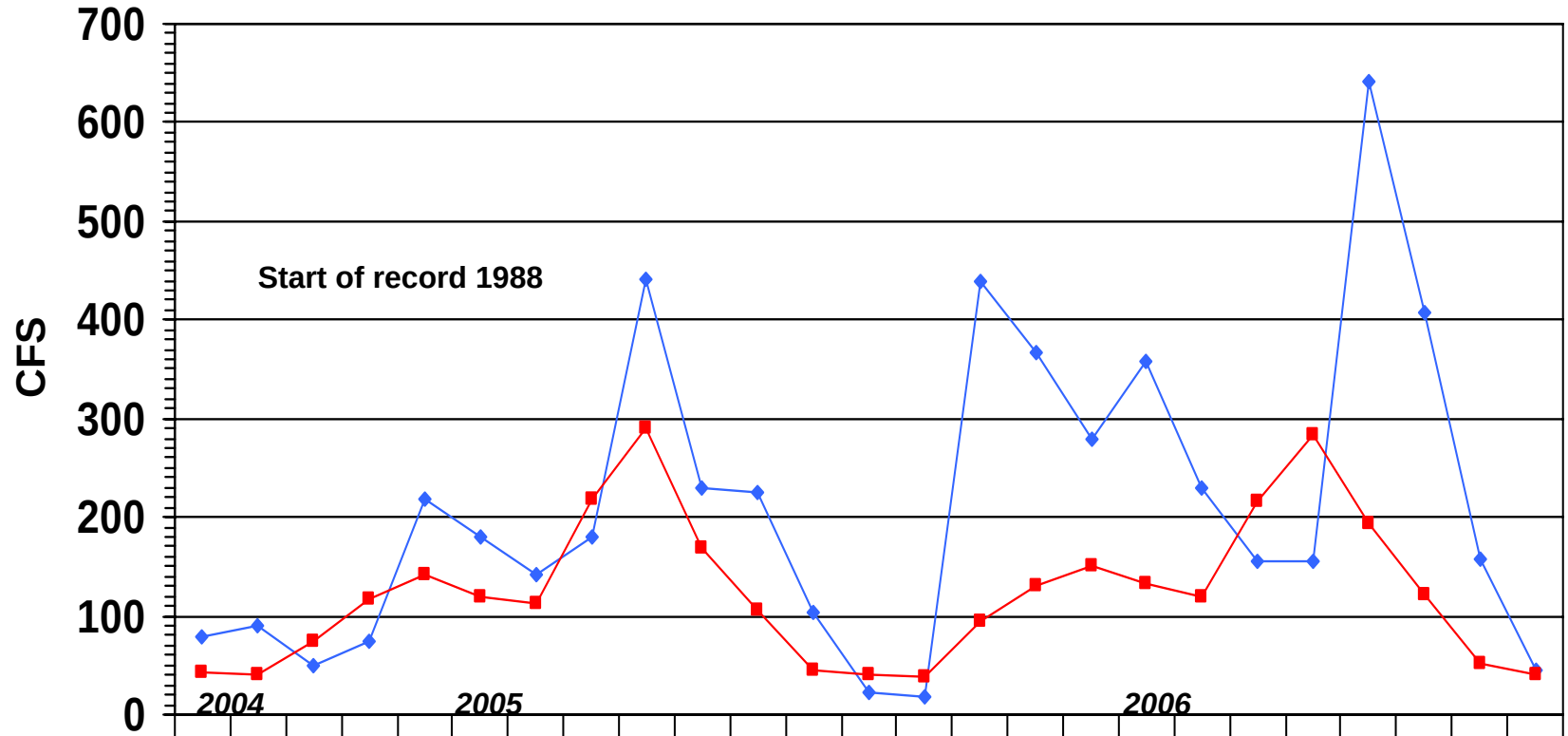


	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug
Monthly Mean Flow	71	173	146	171	525	419	386	464	1049	613	276	158	61	32	814	551	579	721	611	244	281	1085	860	223	90
Mean of Monthly Flows	78	89	108	224	292	270	270	622	780	385	215	101	78	88	118	228	296	276	275	616	773	395	224	103	78
% of Normal	79%	194%	135%	76%	180%	155%	143%	75%	134%	159%	128%	156%	78%	36%	690%	242%	196%	261%	222%	40%	35%	275%	384%	217%	115%

NH DES, Dam Bureau, Source: USGS

SOUCOOK RIVER at PEMBROKE ROAD
near CONCORD NH, Gage# 01089100

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

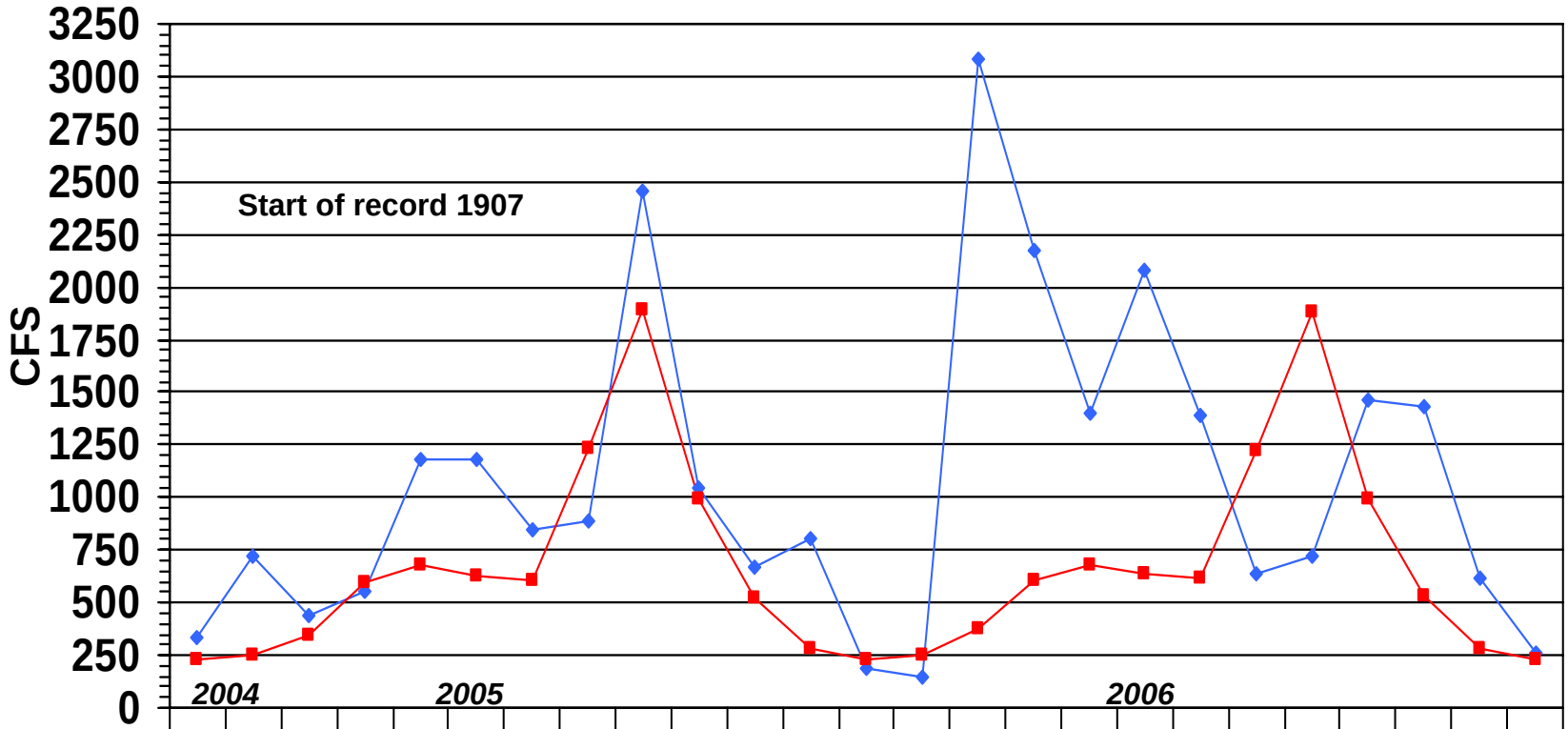


	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug
Monthly Mean Flow	79	91	49	74	218	181	141	180	442	229	224	104	22	19	438	368	280	359	229	155	155	642	407	158	44
Mean of Monthly Flows	42	40	75	117	142	120	113	219	290	169	106	45	41	39	95	131	150	133	119	216	283	194	122	51	41
% of Normal	188%	228%	65%	63%	149%	143%	125%	84%	152%	137%	115%	231%	54%	49%	461%	281%	187%	270%	192%	72%	55%	331%	334%	310%	107%

NH DES, Dam Bureau, Source: USGS

ASHUELOT RIVER at HINSDALE NH
Gage# 01161000

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

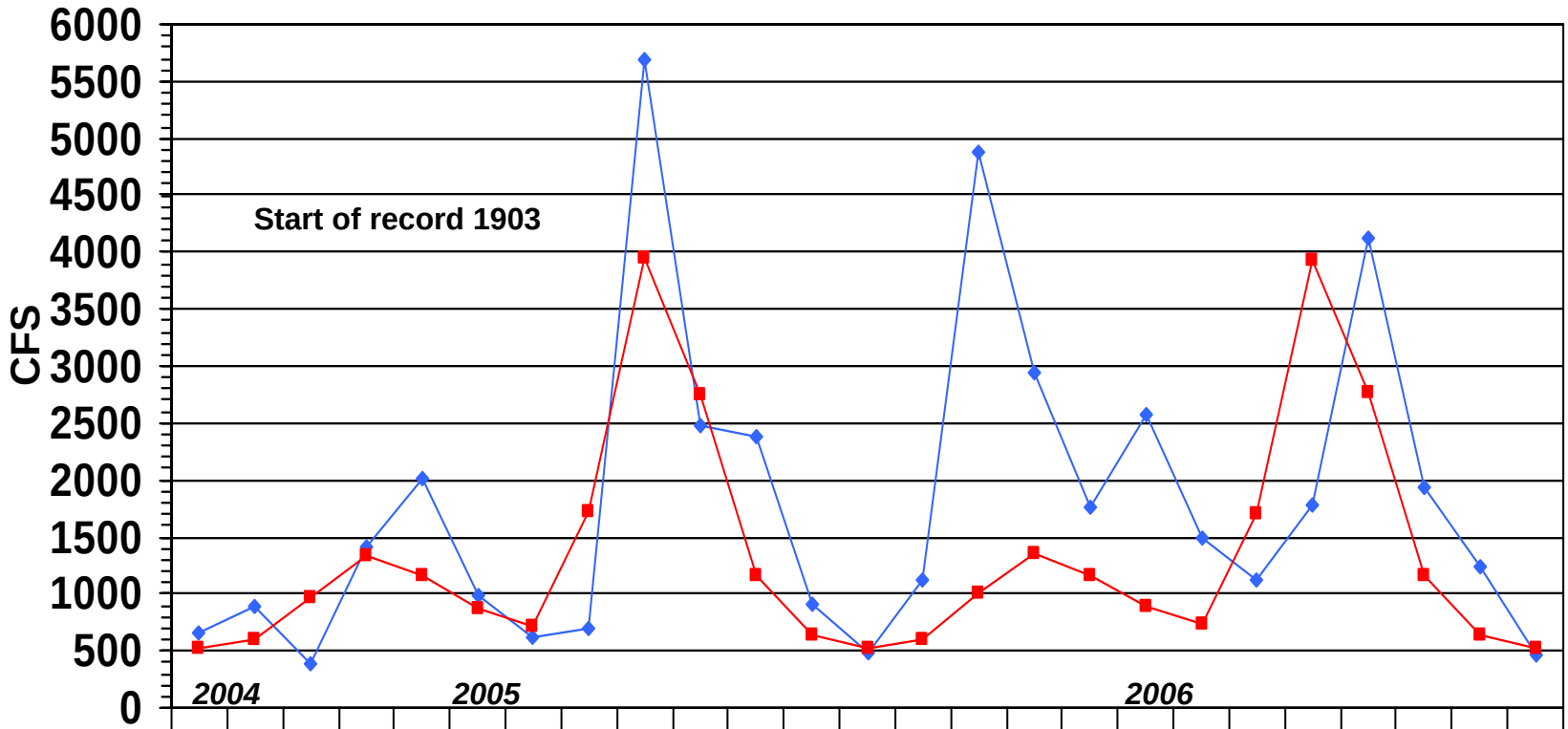


	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug
Monthly Mean Flow	334	721	434	554	1185	1182	850	890	2454	1048	671	802	190	145	3088	2171	1396	2082	1385	642	718	1459	1434	615	262
Mean of Monthly Flows	230	249	350	593	675	624	610	1232	1888	991	524	279	230	247	378	610	683	640	618	1226	1876	996	534	283	230
% of Normal	145%	290%	117%	80%	170%	184%	139%	72%	130%	106%	128%	287%	83%	59%	817%	356%	204%	325%	224%	52%	38%	146%	269%	217%	114%

NH DES, Dam Bureau, Source: USGS

PEMIGEWASSET RIVER at PLYMOUTH NH
Gage# 01076500

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS



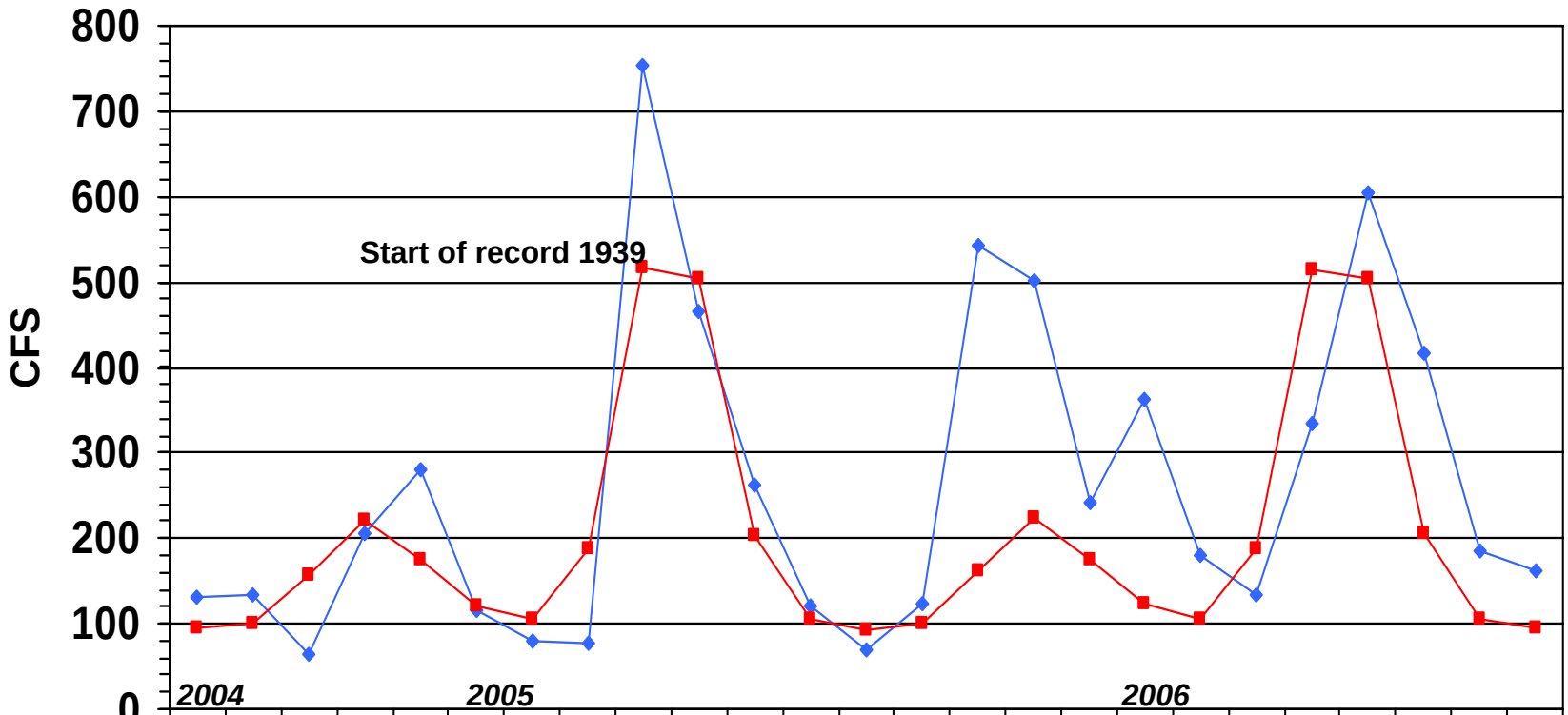
	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug
Monthly Mean Flow	654	890	393	1416	2014	986	614	702	5697	2472	2380	901	475	1114	4878	2948	1761	2578	1500	1118	1789	4130	1941	1235	471
Mean of Monthly Flows	515	598	964	1342	1161	870	725	1718	3941	2754	1159	637	514	603	1002	1358	1167	886	733	1712	3920	2767	1167	643	514
% of Normal	127%	149%	41%	106%	173%	113%	85%	41%	145%	90%	205%	142%	92%	185%	487%	217%	151%	291%	205%	65%	46%	149%	166%	192%	92%

NH DES, Dam Bureau, Source: USGS

AMMONOOSUC RIVER at BETHLEHEM JUNCTION NH
Gage# 01137500

MONTHLY MEAN FLOW COMPARED TO MEAN OF MONTHLY FLOWS

This station replaces gage# 01137000 which was discontinued by DES at the end of Sept 2004



	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug
Monthly Mean Flow	130	135	64	207	281	117	80	77	753	465	262	120	70	123	542	502	243	363	180	133	334	605	418	185	161
Mean of Monthly Flows	94	100	157	221	174	120	105	188	516	503	204	105	93	100	162	225	175	123	106	187	514	504	207	106	94
% of Normal	138%	135%	41%	94%	161%	98%	76%	41%	146%	92%	128%	114%	75%	123%	335%	223%	139%	295%	170%	71%	65%	120%	202%	175%	171%

NH DES, Dam Bureau, Source: USGS

STREAMFLOW DATA FOR SELECTED NH STATIONS AS OF SEPTEMBER 6, 2006

Station number	Station name	Est. Mean Flow (cfs)	Long Term Median Flow	99% Flow (cfs)	7Q10 Flow (cfs)	Lowest Period of Record Daily Flow (cfs)	% of Median	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
Androscoggin River Basin										
01052500	Diamond River near Wentworth Location, NH	139	76	22	16	6.8	183%	FALSE	FALSE	FALSE
01053500	Androscoggin River at Errol, NH	2,640	1,690	500	451	0	156%	FALSE	FALSE	FALSE
01054000	Androscoggin River near Gorham, NH	2,350	1,850	1300	1310	795	127%	FALSE	FALSE	FALSE
Saco River Basin										
01064500	Saco River near Conway, NH	297	216	105	97	66	138%	FALSE	FALSE	FALSE
01064801	BEARCAMP RIVER AT SOUTH TAMWORTH, NH	21	17	6	4.8	4.5	124%	FALSE	FALSE	FALSE
Piscataqua River Basin										
01072800	COCHECO RIVER NEAR ROCHESTER, NH	40	11 --	--		2.2	364%	#VALUE!	#VALUE!	FALSE
01073500	LAMPREY RIVER NEAR NEWMARKET, NH	126	29	7	5 --		434%	FALSE	FALSE	#VALUE!
Merrimack River Basin										
01074520	EAST BRANCH PEMIGEWASSET RIVER AT LINCOLN, NH	90	61	55	49	46	148%	FALSE	FALSE	FALSE
01075000	PEMIGEWASSET RIVER AT WOODSTOCK, NH	124	145	65	56 --		86%	FALSE	FALSE	
01076000	BAKER RIVER NEAR RUMNEY, NH	65	40	18	15 --		163%	FALSE	FALSE	
01076500	PEMIGEWASSET RIVER AT PLYMOUTH, NH	293	295	130	118	45	99%	FALSE	FALSE	FALSE
01078000	SMITH RIVER NEAR BRISTOL, NH	47	17	7	6.2	2.7	276%	FALSE	FALSE	FALSE
01081000	WINNIPESAUKEE RIVER AT TILTON, NH	263	312	143	136	48	84%	FALSE	FALSE	FALSE
01081500	MERRIMACK RIVER AT FRANKLIN JUNCTION, NH	779	1,070	520*	551 --		73%		FALSE	
01082000	CONTOOCOOK RIVER AT PETERBOROUGH, NH	46	19	5.5	6.3 --		242%	FALSE	FALSE	
01085000	CONTOOCOOK RIVER NEAR HENNIKER, NH	446 ---		40	37 --			FALSE	FALSE	
01085500	CONTOOCOOK R BL HOPKINTON DAM AT W HOPKINTON, NH	258	126	35	39 --		205%	FALSE	FALSE	
01086000	WARNER RIVER AT DAVISVILLE, NH	94	22	6	5.3 --		427%	FALSE	FALSE	
01087000	BLACKWATER RIVER NEAR WEBSTER, NH	94 ---		15.5	13.7 --			FALSE	FALSE	
01090800	PISCATAQUOG RIVER BL EVERETT DAM, NR E WEARE, NH	41 ---		1.7	1.2 --			FALSE	FALSE	
01091500	PISCATAQUOG RIVER NEAR GOFFSTOWN, NH	162 ---		8	8.8 --			FALSE	FALSE	
01092000	MERRIMACK R NR GOFFS FALLS, BELOW MANCHESTER, NH	2,130	1,460	560*	644	98*	146%		FALSE	
01094000	SOUHEGAN RIVER AT MERRIMACK, NH	147	41	15	12.9 --		359%	FALSE	FALSE	
Connecticut River Basin										
01129200	CONNECTICUT R BELOW INDIAN STREAM NR PITTSBURG, NH	985	366		42	30	269%	FALSE	FALSE	FALSE
01129500	CONNECTICUT RIVER AT NORTH STRATFORD, NH	1,440	661		176	108	218%	FALSE	FALSE	FALSE
01131500	CONNECTICUT RIVER NEAR DALTON, NH	2,020	1,080		389	115	187%	FALSE	FALSE	FALSE
01137500	AMMONOOSUC RIVER AT BETHLEHEM JUNCTION, NH	79	58		28	21	136%	FALSE	FALSE	FALSE
01138500	CONNECTICUT RIVER AT WELLS RIVER, VT	3,120	2,030		690	152*	154%		FALSE	
01144500	CONNECTICUT RIVER AT WEST LEBANON, NH	6,000	2,090	380*	902	82*	287%		FALSE	
01152500	SUGAR RIVER AT WEST CLAREMONT, NH	148	71	40	38	14	208%	FALSE	FALSE	FALSE
01154500	CONNECTICUT RIVER AT NORTH WALPOLE, NH	3,100	2,570	260*	1058	115*	121%		FALSE	
01158000	ASHUELOT RIVER BELOW SURRY MT DAM, NEAR KEENE, NH	57	18	4.5	2.7	0.4	317%	FALSE	FALSE	FALSE
01158600	OTTER BROOK BELOW OTTER BROOK DAM, NEAR KEENE, NH	31	7.2	1.6	1.1	0.3	431%	FALSE	FALSE	FALSE
01160350	ASHUELOT RIVER AT WEST SWANZEY, NH	165	69	32 --	--		239%	FALSE		

*Flow duration and record low mean daily flow significantly affected by reservoir operations

**Estimated

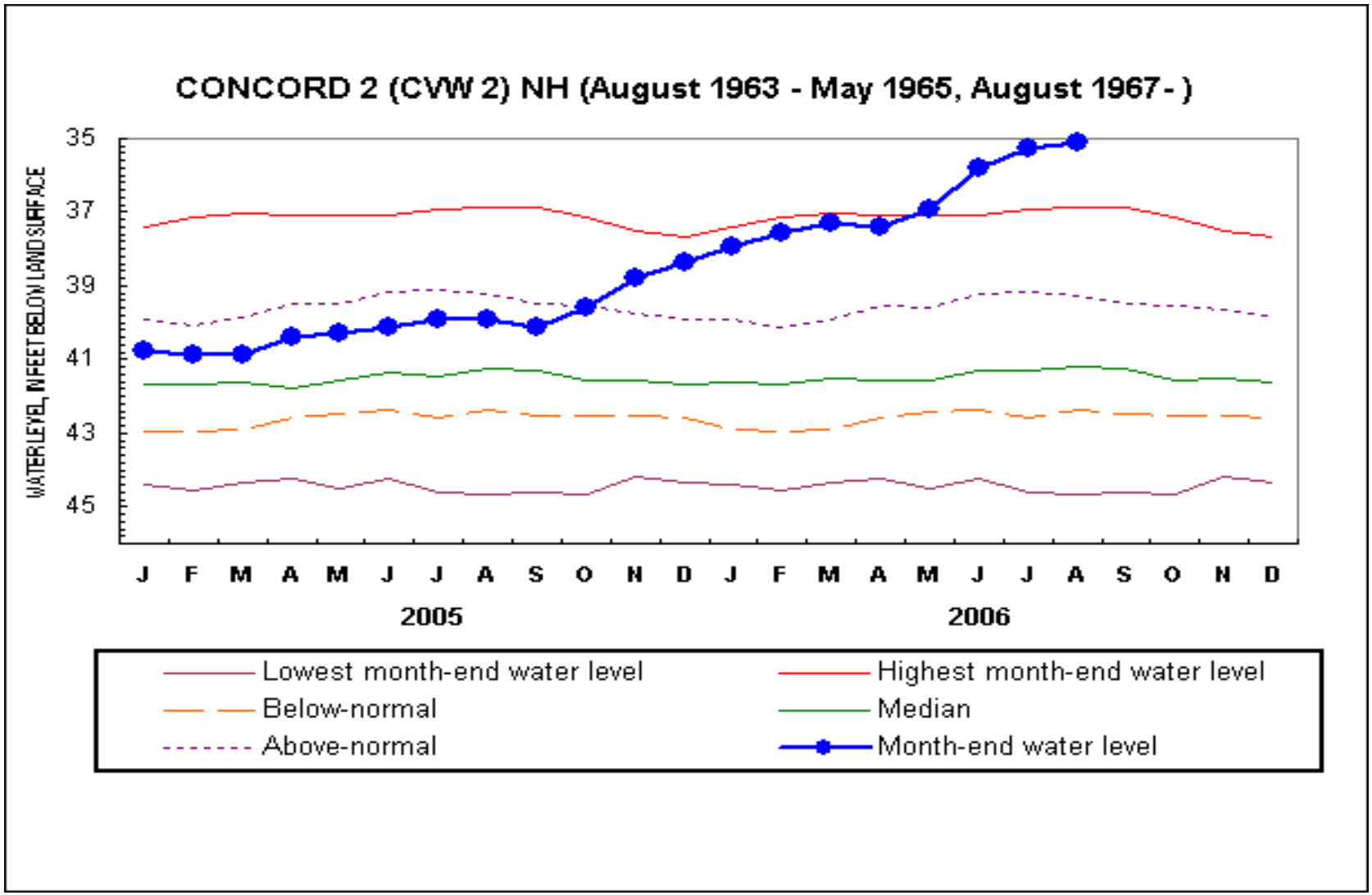
Source: USGS, NH DES

SUMMARY	Below 0.99 Flow?	Below 7Q10 Flow?	Below Record Flow?
FALSE =	28	32	17
TRUE =	0	0	0

New Hampshire Groundwater Levels for August 2006

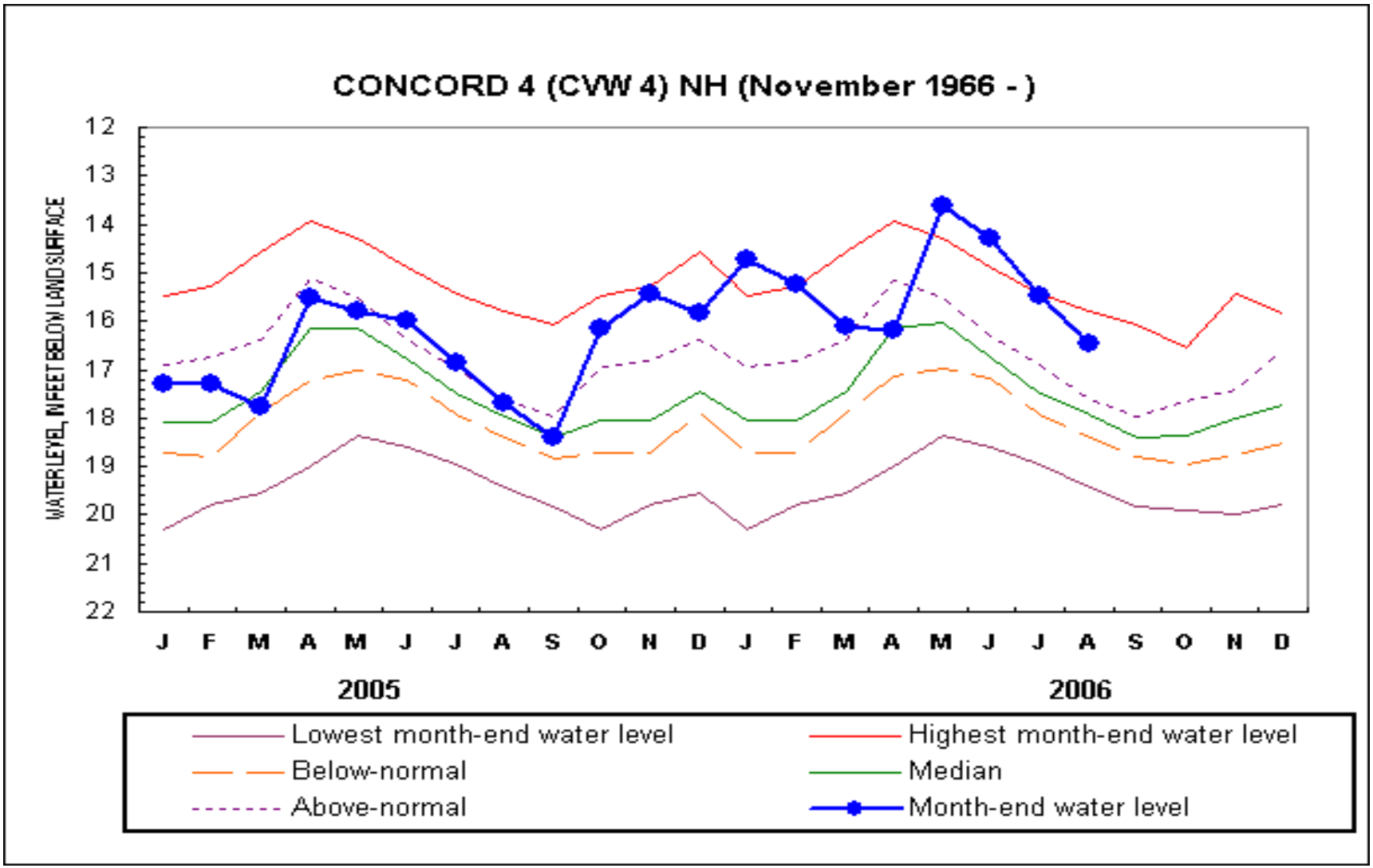
WELL	START OF RECORD	WATER LEVEL BELOW SURFACE DATUM (ft)	NET CHANGE IN ONE MONTH (ft)	NET CHANGE IN ONE YEAR (ft)	MEDIAN	RANGE (ft)	DEPARTURE FROM MONTHLY MEDIAN (FT)	PERCENT OF RANGE	STATUS
ALBANY 14	1995	6.88	-1.11	+0.33	7.14	0.87	+0.26	29.9	NORMAL
ALBANY 15	1995	8.95	-1.14	+0.20	8.96	0.66	+0.01	1.5	NORMAL
BARNSTEAD 10	1995	2.94	-0.58	+0.22	3.24	0.26	+0.30	115.4	ABOVE NORMAL
CAMPTON 34	1988	13.57	-1.18	-0.05	13.52	0.91	-0.05	-5.5	NORMAL
COLEBROOK 73	1995	7.68	+0.07	+0.29	8.04	3.44	0.36	10.5	NORMAL
CONCORD 2	1963	35.10	+0.16	+4.79	41.19	4.34	+6.09	140.3	ABOVE NORMAL
CONCORD 4	1966	16.47	-0.99	+1.24	17.93	2.13	+1.46	68.5	ABOVE NORMAL
DEERFIELD 46	1984	38.10	-0.65	+0.45	38.82	0.73	+0.72	98.6	ABOVE NORMAL
ENFIELD 30	1990	3.72	-1.73	+3.24	7.02	3.51	+3.30	94.0	ABOVE NORMAL
ERROL 1	1966	13.9	----	-1.1	12.8	1.4	-1.1	-82.1	BELOW NORMAL
FRANKLIN 1	1966	8.40	-1.76	+2.88	12.36	3.09	+3.96	128.2	ABOVE NORMAL
GREENFIELD 75	1995	57.45	-0.84	+2.36	61.15	3.55	+3.70	104.2	ABOVE NORMAL
HOOKSETT 5	1965	47.71	-1.33	+1.12	48.94	3.94	+1.23	31.2	ABOVE NORMAL
KEENE 2	1963	3.63	-0.17	+0.38	4.79	2.60	+1.16	44.6	ABOVE NORMAL
LANCASTER 1	1966	1.80	+0.40	+0.20	2.22	2.03	+0.42	20.7	ABOVE NORMAL
LEE 1	1953	30.56	-0.20	+0.41	31.41	0.92	+0.85	92.4	ABOVE NORMAL
LISBON 19	1990	14.25	-0.66	+0.48	14.68	0.74	+0.43	58.1	NORMAL
NASHUA 218	1964	28.02	-1.11	+0.21	28.52	1.26	+0.50	39.7	NORMAL
NEW DURHAM 53	1986	19.29	-0.69	+0.31	19.64	0.41	+0.35	85.4	ABOVE NORMAL
NEW LONDON 1	1947	9.49	-5.17	+1.27	12.28	6.36	+2.79	43.9	ABOVE NORMAL
NEWPORT 3	1995	5.81	-2.25	+0.90	6.59	0.64	+0.78	121.9	ABOVE NORMAL
NEWPORT 6	1995	5.92	-2.26	+0.90	6.61	0.60	+0.69	115.0	ABOVE NORMAL
OSSIPEE 38	1995	34.22	-0.77	+0.90	35.68	1.32	+1.46	110.6	ABOVE NORMAL
SHELBURNE 2	1995	5.27	-0.37	+0.23	5.08	0.45	-0.19	-42.2	NORMAL
WARNER 1	1965	28.22	-1.68	+1.11	30.62	1.42	+2.40	169.0	ABOVE NORMAL

Source: USGS, NH DES



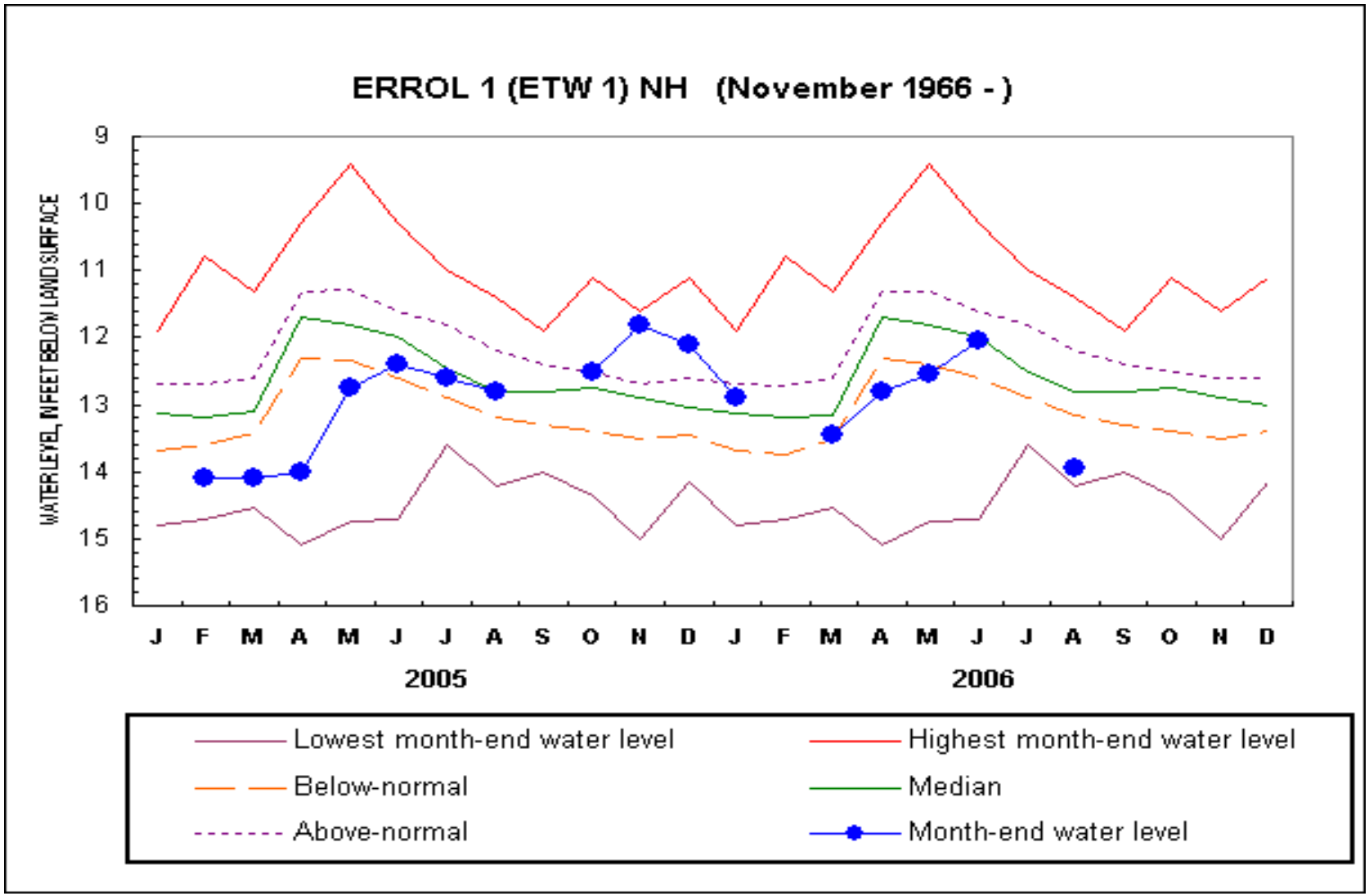
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



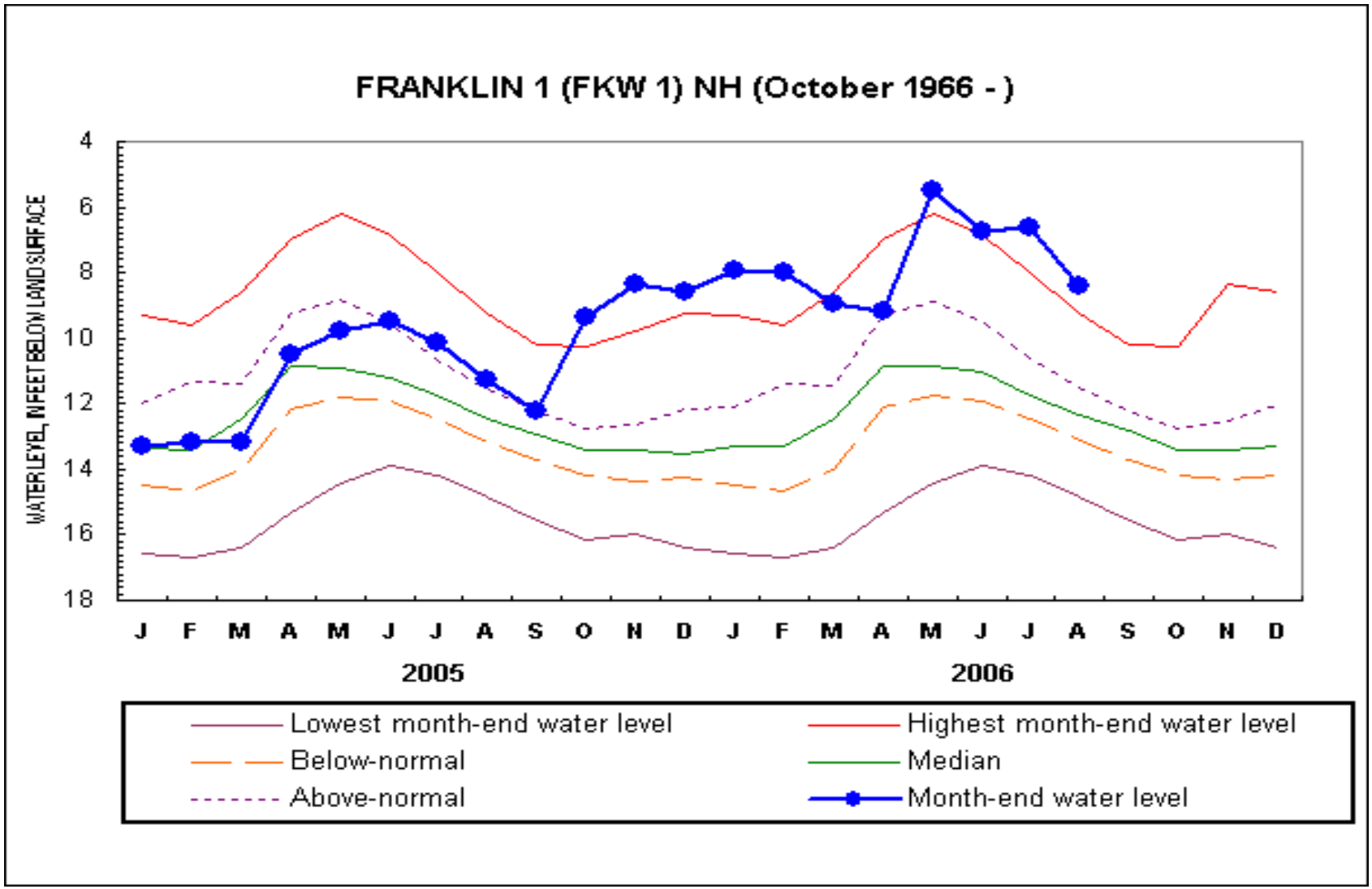
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



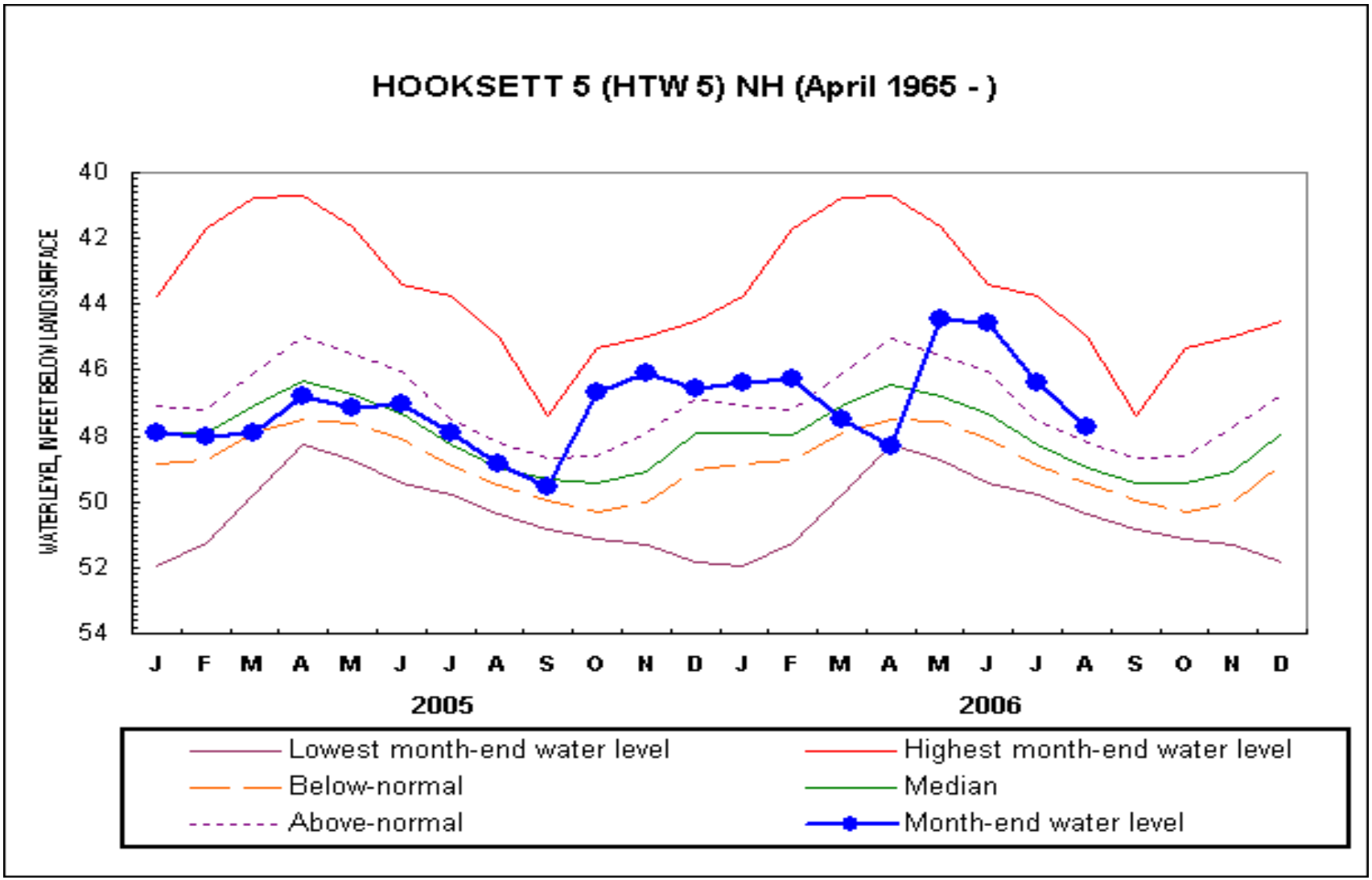
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



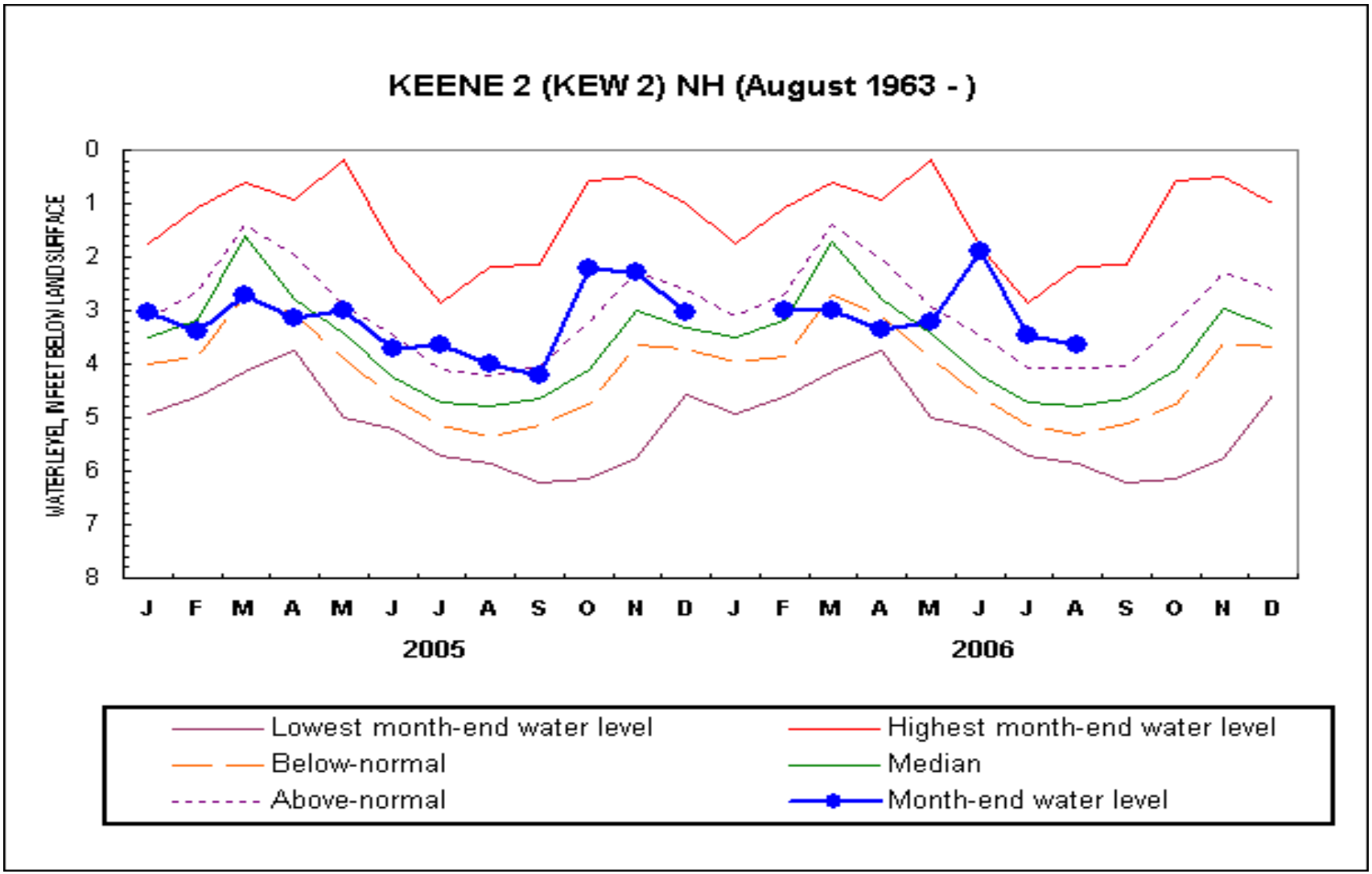
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



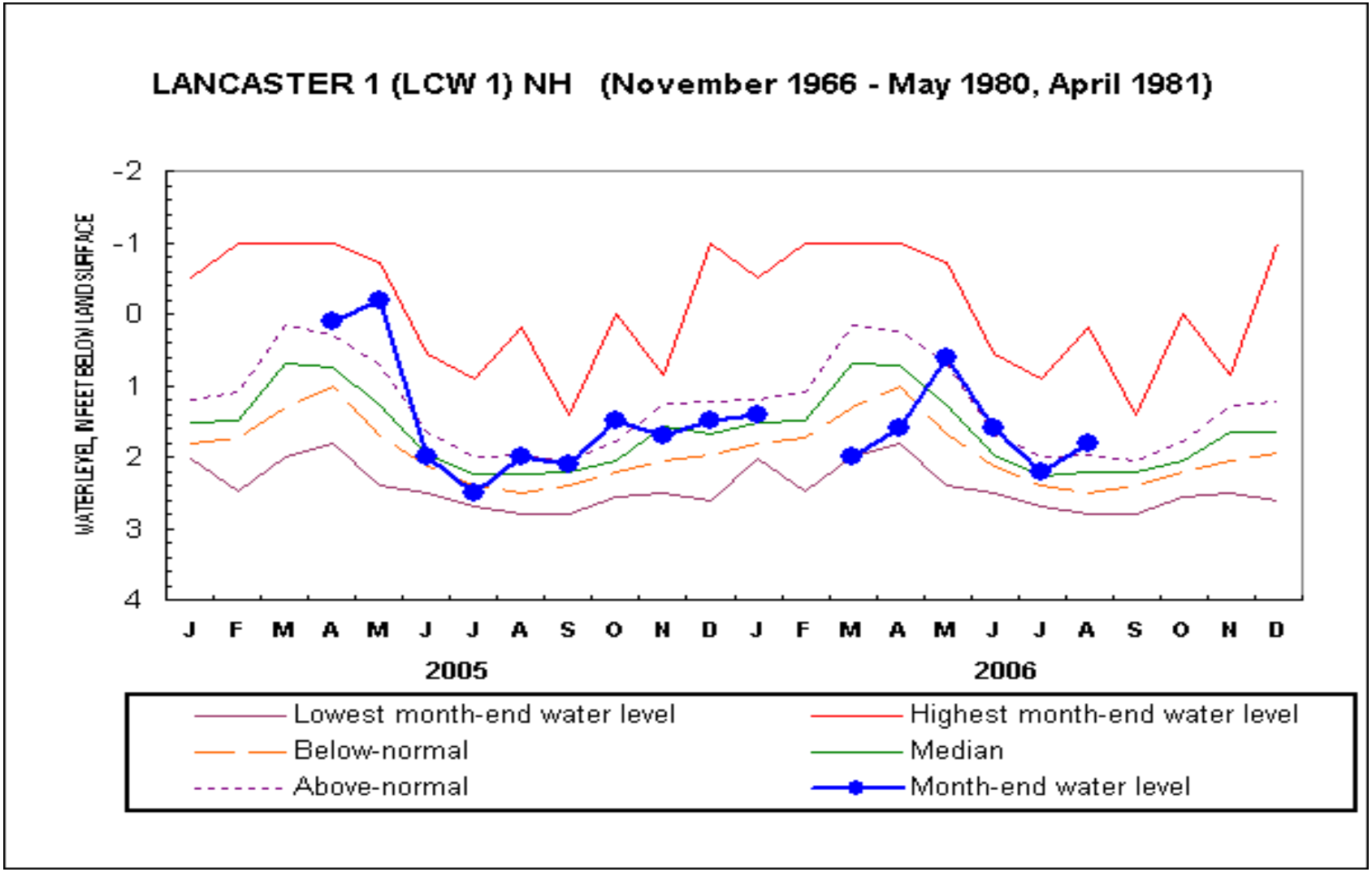
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



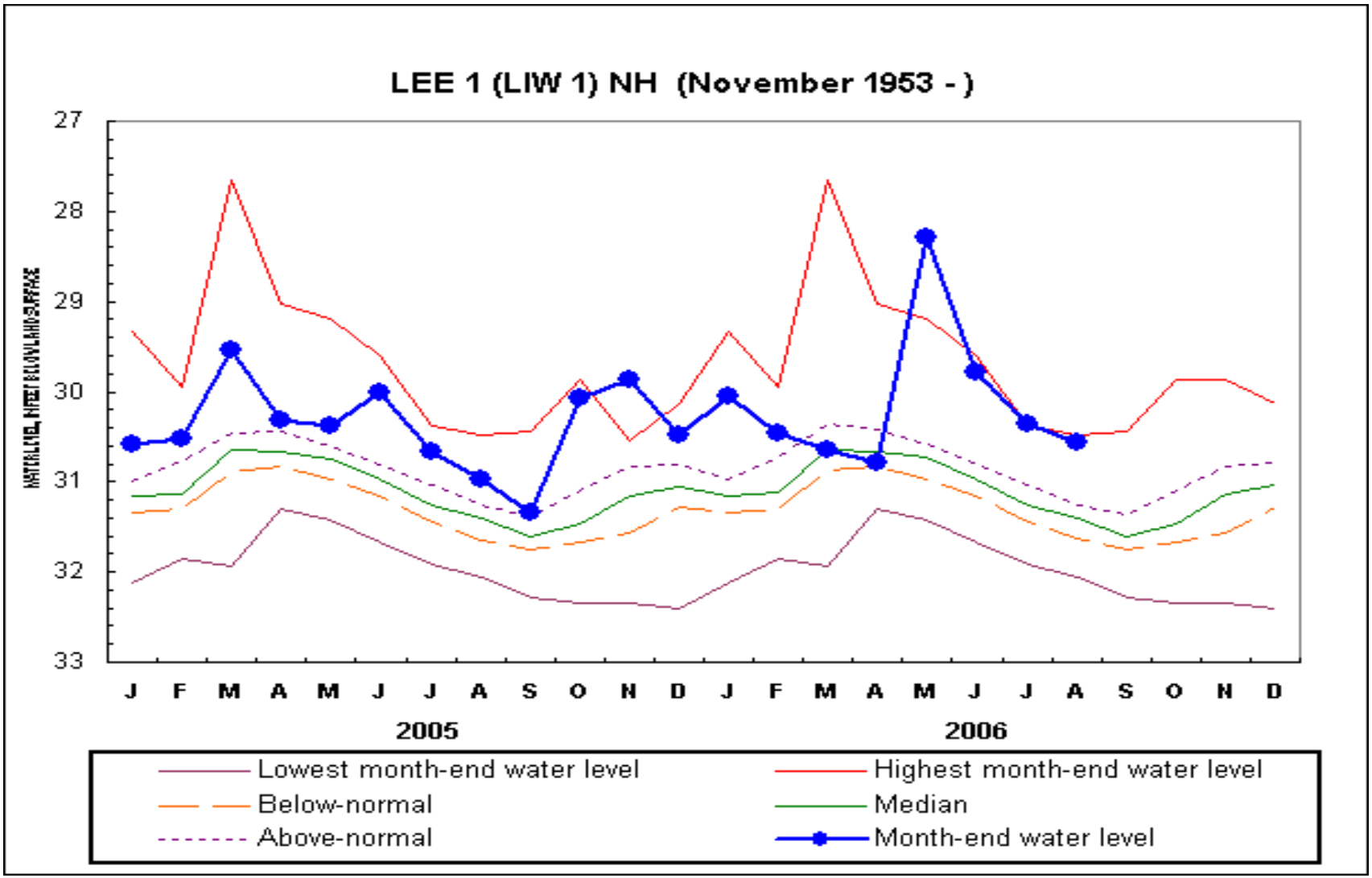
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



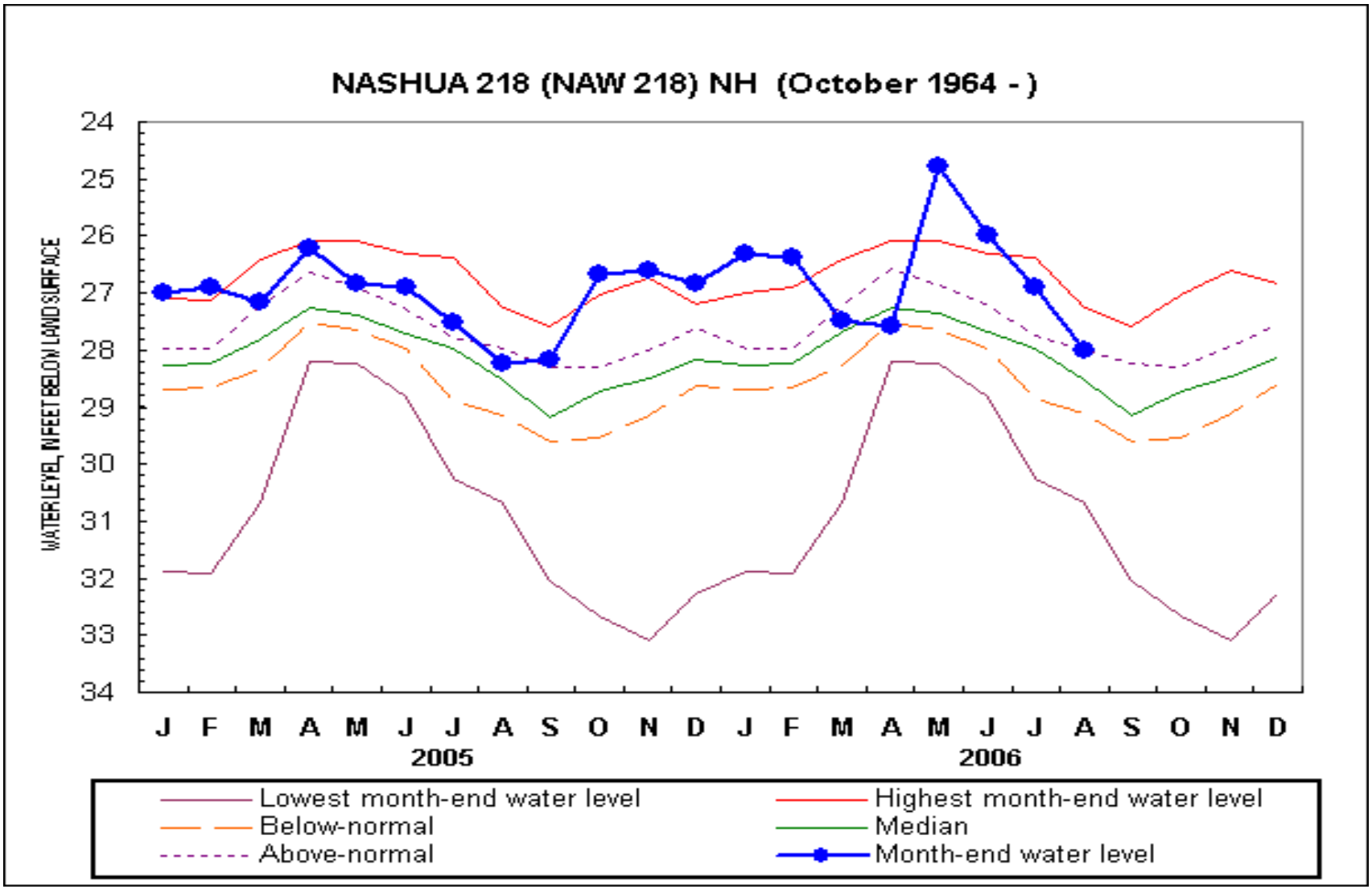
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



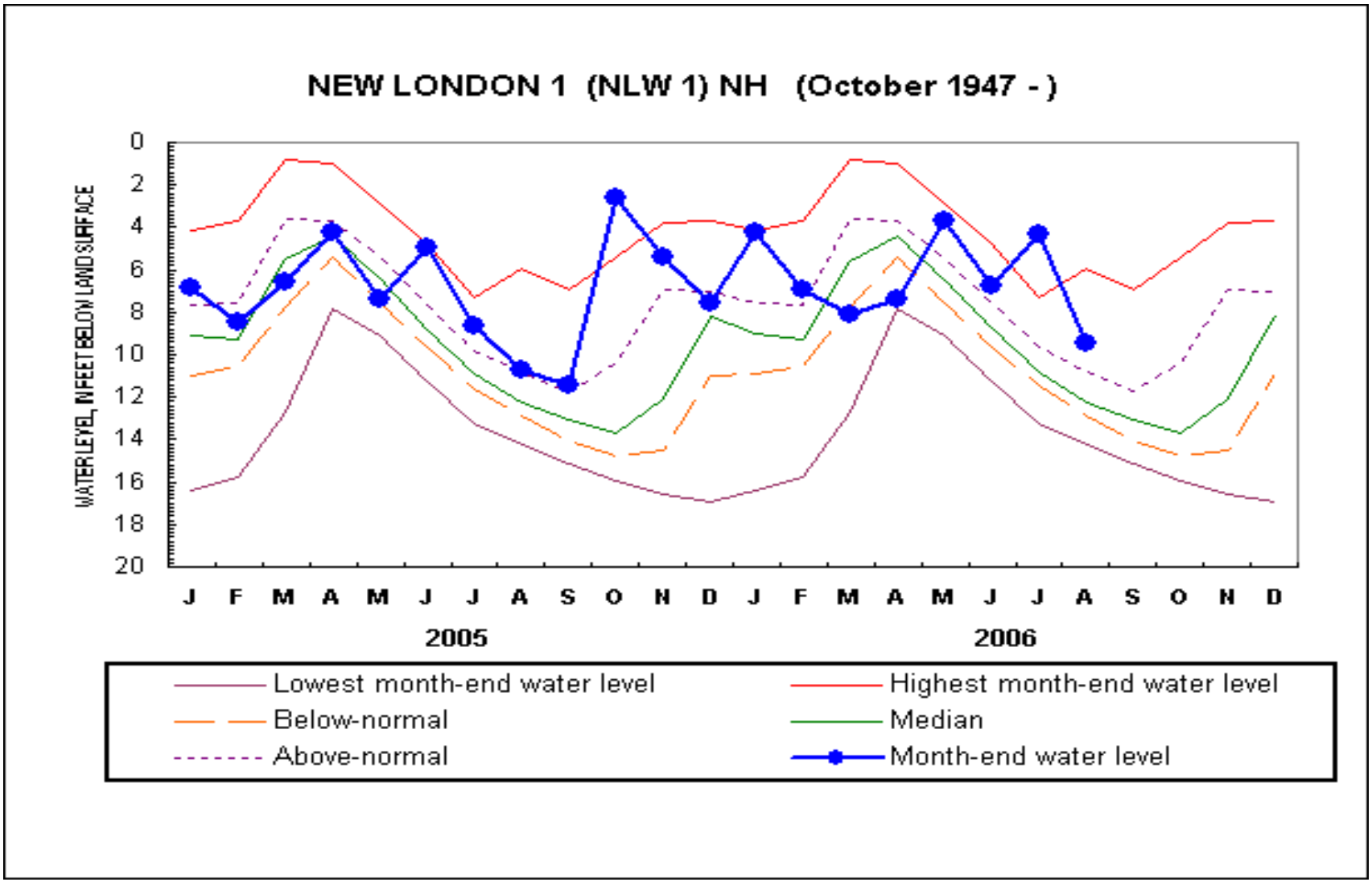
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



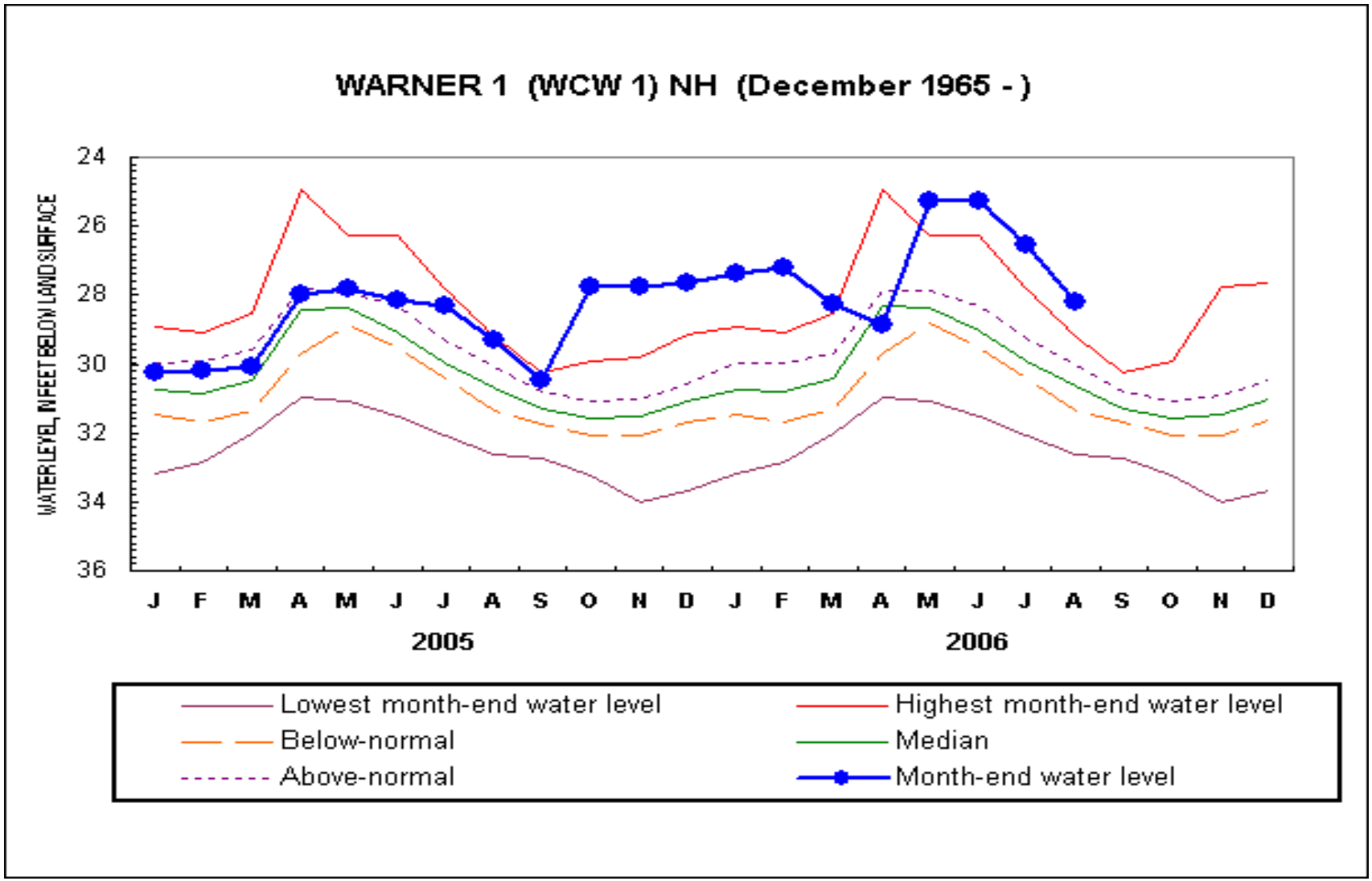
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



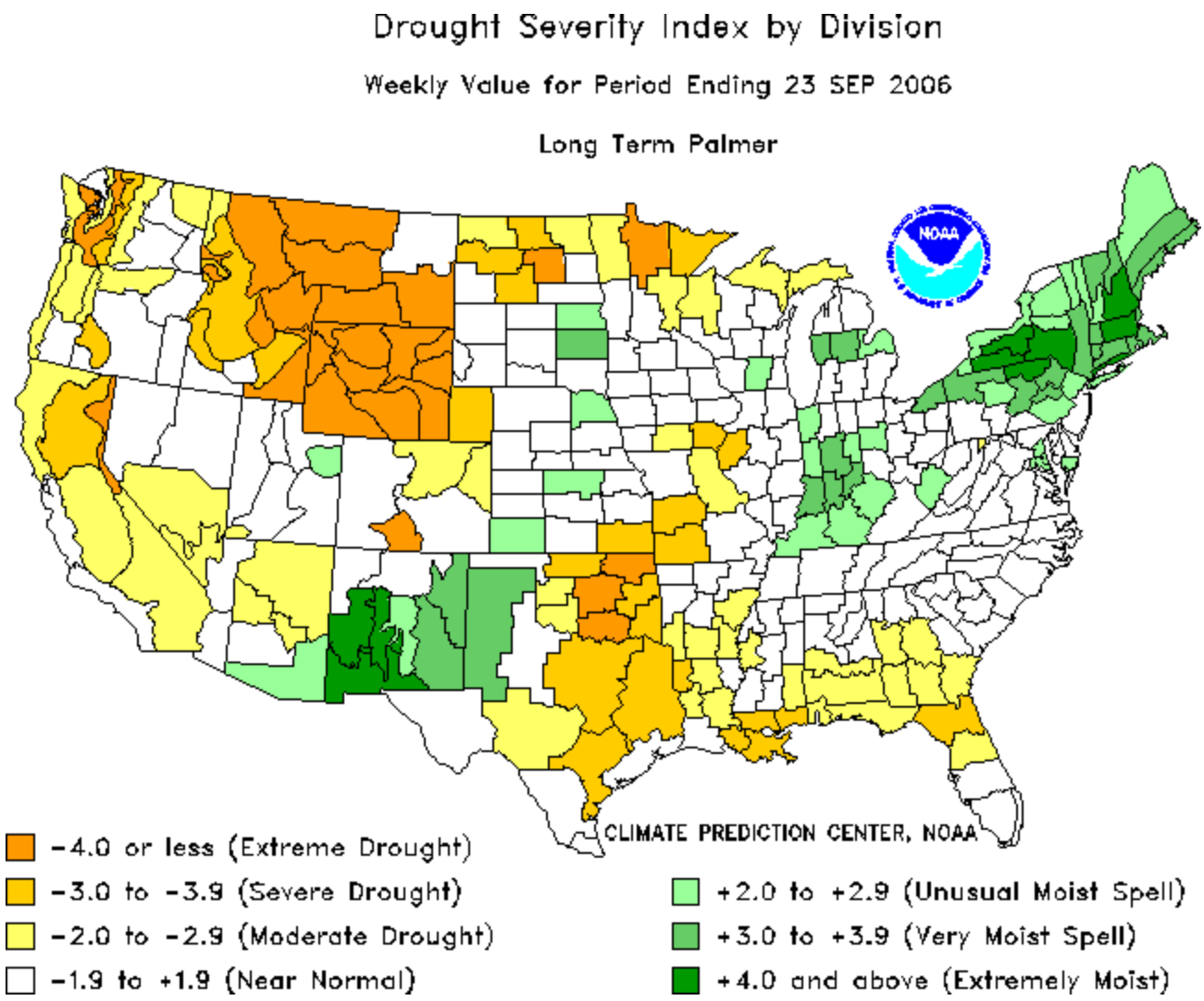
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



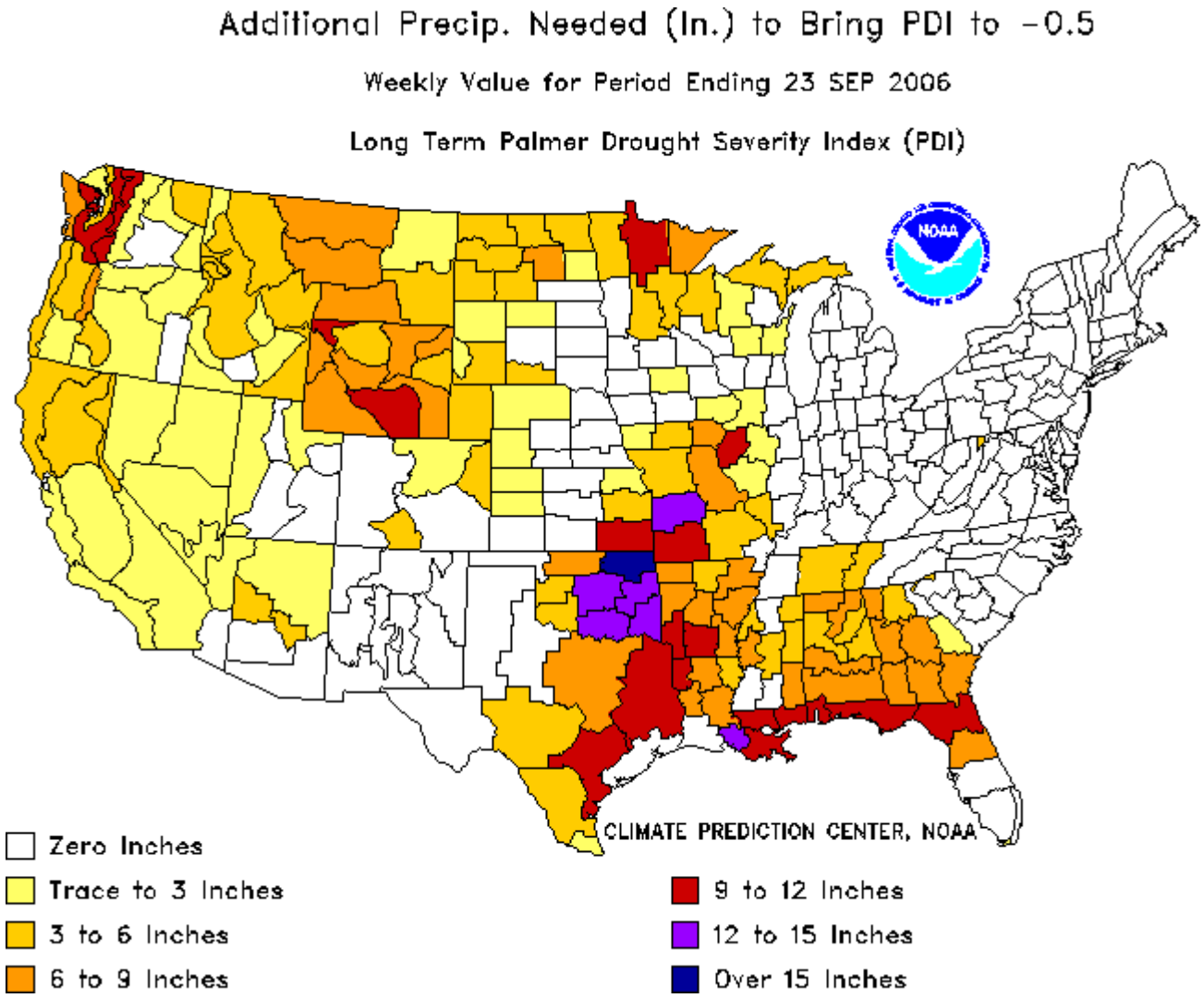
Highest and lowest month-end water levels are monthly extremes for the period of record
Above-normal is the 75% quartile (25% of month-end water levels were higher)
Below-normal is the 25% quartile (25% of month-end water levels were lower)
Median is the 50% quartile (half of the month-end water levels were higher or lower)
Water levels after September 2003 are provisional and subject to revision.

Source: USGS, NH DES, Dam Bureau,



THE PALMER DROUGHT SEVERITY INDEX

The Palmer Index uses temperature and rainfall information in a formula to determine dryness. The advantage of the Palmer Index is that it is standardized to local climate.



This is the amount of rainfall required in a week's time to bring the index back to zero inches required.